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CATALOGUE

—OF THE—

PLANTS OF OHIO,

INCLUDING

FLOWERING PLANTS,

FERNS, MOSSES AND LIVERWORTS.

BY H. C. BEARDSLEE.

PAINESVILLE, OHIO,
JANUARY, 1874.
PRINTED AT THE "JOURNAL" OFFICE.

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PREFACE.

In the fall of 1873 the author prepared for publication in the final report of the Geological Survey of the State, a catalogue of Ohio plants, including flowering plants, ferns, mosses, and liverworts. Herein he has condensed it, preserving merely a list of genera and species, with localities.

The plants which abound everywhere, are marked "Com.;" those which are generally diffused, but plenty nowhere, are marked "Gen.," "N.," "S.," "W. & C.," or "Cent.," signify that the plant is especially abundant in Northern, Southern, Western or Central Ohio.

"Sull." credits a locality to the late W. S. Sullivant.

"C.," to Mr. Clark, of Cincinnati.

"Big.," to Dr. J. M. Bigelow, formerly of Lancaster, Ohio, now of Detroit.

"K." to Dr. Kellogg, formerly of Lorain county.

"Lesq.," to Leo Lesquereux, of Columbus.

"Gray," indicates that Prof. Gray, in his "Manual," or in the "Flora of Torrey & Gray" gives Ohio as a locality.

A very considerable number are marked "Cat. New." These species are included in a Catalogue of the Plants of Ohio prepared by Prof. J. S. Newberry, and published in the Report of the State Board of Agriculture for 1859.

Miss L. T. Prescott, teacher of Botany in the Lake Erie Female Seminary, in this place, furnished the locality of two rare plants—and a young friend, William Werner, that of two—one of which, "*Andromeda polifolia* Lin.," he was the first to detect in Ohio.

It will be seen that the Catalogue follows in the flowering plants and ferns, the arrangement and nomenclature of the last edition of Gray's Manual.

The author is indebted to many friends in Ohio as well as other States for aid and sympathy. Miss Rachel L. Bodley of Philadelphia, Mr. Joseph Sullivant of Columbus, Dr. John M. Bigelow of Detroit, Dr. A. H. Agard of Sandusky, have aided the author with suggestions and have given him their good wishes, and Prof. Asa Gray of Harvard, Col. S. T. Olney, of Providence, R. I., Mr. Coe F. Austin of New Jersey, the late M. S. Bebb of Illinois, and the veteran bryologist, Leo Lesquereux, have rendered him aid absolutely indispensable. Col. Olney has carefully named all his collection of *Carex*; Mr. Bebb his species of *Salix*; Mr. Austin has examined and named his collection of mosses, and Mr. Lesquereux, has kindly furnished the locality of many of our rarer mosses.

In *Hepaticæ* the arrangement and nomenclature of "*Hepaticæ Boreali-Americanae*," published by Mr. Austin, in December, 1873, has been carefully followed; Mr. Austin has also examined all the author's "*Hepaticæ*."

The name of the author or simply "B.," following a plant shows that the plant has been collected by him in that locality. Should the collection of 1874 prove sufficiently numerous and of sufficient interest, those who receive this list may expect a supplementary list in January, 1875.

H. C. BEARDSLEE.

PAINESVILLE, OHIO, January, 1874.

Catalogue

OF THE

PLANTS OF OHIO.

CLASS 1st. EXOGENS.

Ranunculaceæ.

- Clematis ochroleuca*, DC. *Cat. New.*
Viorna, L. *Cent. O. Sull.*
Virginiana, L. Com.
Anemone cylindrica, Gray. *Cat. New.*
Virginiana, L. Com. *Virginian Anemone.*
Pennsylvanica, L. Com. *Pennsylvanian A.*
nomorosa, L. Com.
Hepatica triloba, Chaix. Com.
acutiloba, DC. Com.
Thalictrum anemonoides, Michx. Com. *Rue-anemone.*
dioicum, L. Com.
purpurascens, L. Com.
Cornuti, L. Com.
Trautvetteria palmata, F. & M. *Mans. Kell.*
Ranunculus aquatilis, L. var. *trichophyllus*.
 Chaix. Com.
multifidus, Ph. *Painesville, Beardslee.*
alismaefolius, Geyer. Com.
Flammula, L. Var. *reptans*. Gray. *Cin. C.*
rhomboideus, Goldie. *Sandusky, C.*
abortivus, L. Com.
 " Var. *micranthus*, Gray. *Cin. C.*
sceleratus, L. Com.
recurvatus, Poir. Com.
Pennsylvanicus. Com.
fascicularis, Muhl. *Painesville, B.*
repens, L. Com.
bulbosus, L. N. Ohio. *Cat. New.*
acris, L. Com. *Buttercup.*
Isopyrum biternatum, Torr. & Gray. *Cent. O. S.*
Caltha palustris, L. Com.
Trollius laxus, Salisb. *Cent. O.*
Cat. New.
Coptis trifolia, Salisb. *North. Com.*
Aquilegia Canadensis, L. Com. *Columbine.*
Delphinium exaltatum, Ait. *Cent. O. Sul.*
tricornis, Michx. *Cent. O. Sul.*
azureum, Michx. N. O. *Cat. New.*
Consolida, L. *Cin. C. Larkspur.*

- Aconitum uncinatum*, L. *Cuyahoga Falls. N.*
Hydrastis Canadensis, L. Com.
actæa spicata, L. Var. *rubra*, Michx. Com.
alba, Bigelow. Com.
Cimicifuga racemosa, Ell. Com.

Magnoliaceæ.

- Magnolia acuminata*, L. Com.
Liriodendron Tulipifera, L. Com.

Anonaceæ.

- Asimina triloba*, DuRoi. Com.

Menispermaceæ.

- Menispermum Canadense*, L.

Berberidaceæ.

- Berberis vulgaris*, L. Not Com.
Caulophyllum thalictroides, Michx. Com.
Jeffersonia diphylla, Pers. Com.
Podophyllum peltatum, L. Com.

Nymphaeaceæ.

- Brasenia peltata*, L. N. O. *Painesville E.*
Nelumbium luteum, Willd. *Sandusky Bay. E.*
Nymphaea tuberosa, Paine. Com.
Nuphar advena, Ait. Com.
luteum, Smith. var. *pumilup*, Gray. *Pal. E.*

Sarraceniacæ.

- Sarracenia purpurea*, L. N. O.

Papaveraceæ.

- Papaver somniferum*, L.
Argemone Mexicana, L.
Stylophorum diphyllum, Nutt. Gen. *Pain. E.*
Chelidonium majus, L. N. O. Int.
Sanguinaria Canadensis, L. Com.

Fumariaceæ.

- Adlumia cirrhosa*, Raf. N. O.
Dicentra Cucullaria, DC. Com.
Canadensis, DC. Com.
Corydalis glauca, Ph. Com.
aurea, Willd. N. O. *Painesville E.*
Fumaria officinalis, L.

Cruciferae:

- Nasturtium palustre*, DC. Com.
lacustre, Gray. Cent. O. *Sull.*
Armoracia Fries. Adv.
Dentaria diphylla, L. Com.
maxima, Nutt. *Taylor's Creek, Les.*
laciniata, Muhl. Com.
Cardamine rhomboidea, DC. Com.
 " " var. *purpurea*, Torr. Com.
rotundifolia, Michx. Cent. O. *Sull.*
hirsuta, L. Com.
Arabis Ludoviciana, Meyer. S. O. *Clark.*
lyrata, L. Com.
dentata, Torr & Grays Cent. O. *Sull.*
patens, Sulliv. Bank of Soiota, *Sull.*
hirsuta, Scop. Cent. O. *Sall.* Put-in-Bay. *B!*
lavigata, DC. Com.
Canadensis, L. Com.
hesperidoides, Gray. S. O.
perfoliata, Lam. Com. *Cat. New.*
Barbarea vulgaris, L. Com.
Erysimum cheiranthoides, L. N. O.
asperum, DC. var. *Arkansanum*, Nutt. Cent. O. *Sul.*
Sisymbrium officinale, Scop. Com.
canescens, Nutt. Cent. O. *Sul.*
Brassica Sinapistrum, Bois. Com.
alba, Gray. Com.
nigra, Gray. Com.
Draba arabisans, Michx. Akron, *Clinton.*
verna, L. Cin. *C.*
Camelina sativa, Crantz. Com.
Capsella Bursa-pastoris, Monch. Com.
Lepidium Virginicum, L. Com.
Cakile Americana, Nutt. Lake Shore. *B.*
Raphanus Raphanistrum, L. N. O.

Capparidaceae.

- Polanisia graveolens*, Raf. Cleve, Elyria, *B.*

Resedaceae.

- Reseda luteola*, L. N. Adv

Violaceae.

- Solea concolor*, Ging. Cent. O. *Sul.*
Viola rotundifolia, Michx. N. O.
lanceolata, L. Painesville, *B.*
blanda, Willd. Com.
cucullata, Ait. Com.
 " var. *palmata*, Gray. Com.
sagittata, Ait. Gen.
pedata, L. Lancaster, *Big.* Paines *B.*
canina, L. var. *sylvestris*, Regel. Com.
rostrata, Ph. Gen.
striata, Ait. Com.
Canadensis, L. N. Com.
pubescens, Ait. Com.
 " var. *ericarpa*, Nutt. N. O. Pain. *L.*
hastata, Michx. N. O. Paines. *B.*
tricolor, L. Cin. *C.*

Cistaceae.

- Heli-anthemum Canadense*, Michx. *Cat. New.*
Lechea minor, L. Cent. O. *Sul.*

Droseraceae.

- Drosera rotundifolia*, L. Peat bogs, N.

- longifolia*, L. Peat bogs, N.

Hypericaceae.

- Hypericum pyramidatum*, Ait. Paines. *B.*
Kalmianum, L. Summit Co., Newberry.
prolificum, L. Summit Co., New. Cin. *B.*
adpressum, Barton. Paines. *B.*
sphaerocarpon, Michx. Columbus. *Leag.*
ellipticum, Hook. N. O. Paines. *B.*
perforatum, L. Com.
eorymbosum, Michx, Com.
mutilum, L. Com.
Canadense, L. Com.
Sarothra, Michx. Com.

- Elodes Virginica*, Nutt. Com.

Carophyllaceae.

- Saponaria officinatis*, L. Com. Adv.
Sileue stellata, Ait. Paines. *B.*
nivea, DC. Cent. O. *Sul.*
Pennsylvanica, Michx. Gen.
regia, Sims. Cin. *C.* Gent. O. *Sul.*
Virginica, L. Gen.
rotundifolia, Nutt. S. O.
Armeria, L.
antirrhina, L. Com.
noctiflora, L. Int.

- Lychnis Githago*, Lam. Com. Int.

- Arenaria serpyllifolia*, L. Com.
stricta, Michx. Put-in-Bay, *B.*
lateriflora, L.

- Stellaria media*, K. Com.
pubera, Michx. N. Com.
longifolia, Michx. N. O. Not Com.
borealis, Bigelow. Paines. *B.*

- Cerastium vulgatum*, L. Gen.
viscosum, Com.
nutans, Raf. Paines. *R.*
oblongifolium, For. N. O. rare.
arvense, L. Gen.

- Spergula arvensis*, L. Gen. Int.
Anychia diehotoma, Michx. Com.
Mollugo verticillata, L. Com.

Portulacaceae.

- Portulaca oleracea*, L. Com.
Claytonia Virginica, L. Com.
Caroliniana, Michx. Com. N. O.

Malvaceae.

- Malva rotundifolia*, L. Com.
sylvestris, L. Com. Int.
crisp, L.
moschata, L.
Napaea dioica, L. Cent. O. *Sul.*
Sida spinosa, L. S. O. Paines. *B.*
Abutilon Avicenna, Gerth. Gen.
Hibiscus Moscheutos, L. N. & C. Paines. *B.*
militaris, Cav. S. & C. *Sul. C.*
Trionum, L.

Tiliaceae.

- Tilia Americana*, L. Cem.
heterophylla, Vent. S. O.

Linaceae.

- Linum Virginianum*, L. Com.
usitatissimum, L.

Geraniaceae.

- Geranium maculatum*, L. Com.
Carolinianum, L. Com.
Robertianum, L. N. O. *Cat. New.*
Flörkea proserpinacoides, Willd. Gen.
impatiens pallida, Nutt. Com.
fulva, Nutt. Com.
Oxalis violacea, L. Gen.
stricta, L. Com.

Rutaceae.

- Zanthoxylum Americanum*, Mill. Gen.
Ptelea trifoliata, L. Gen.

Anacardiaceae.

- Rhus typhina*, L. Gen.
glabra, L. Com.
copallina, L. Com.
venenata, DC. Gen.
Toxicodendron, L. Com.
aromatica, Ait. Cent. O. *Sul.*

Vitaceae.

- Vitis Labrusca*, L. Gen.
estivalis, Michx. Gen.
cordifolia, Michx. Gen.
indivisa, Willd. S. O. *Gray.*
Ampelopsis quinquelolia, Michx. Com.

Rhamnaceae.

- Rhamnus lanceolatus*, Ph. Gen.
albifolius, L'Her. N. O. Paines. B.
Ceanothus Americanus, L. Com.
ovalis, Bigelow. N. O. Rare.

Celastraceae.

- Celastrus scandens*, L. Com.
Enonymus atropurpureus, Jacq. Com.
Americanus, L. Com.
 " var. *obovatus*, Torr & Gray. Com.

Sapindaceae.

- Staphylea trifolia*, L. Com.
Aesculus glabra, Willd. Com.
flava, Ait. Southern O.
Acer Pennsylvanicum, L. N. O. *Cat. New.*
spicatum, Lam. N. O. Thompson Ledge. B.
saccharinum, Wang. Com.
 " var. *nigrum*, Gray.
dasy carpum, Ehrhart. Com.
rubrum, L. Com.
Negundo aceroides, Mönch. Cent. *Sul.*

Polygalaceae.

- Polygala incarnata*, L. Cent. O. *Sul.*
sanguinea, L. Com.
cruciata, L. Lorain Co. *Cat. New.*
verticillata, L. Com.
Senega, L. Cent. & S. *Sul. Clark.*
polygama, Walt. Paines. B.
fastigiata, Nutt. N. O. *Cat. New.*
paucifolia, Willd. Elyria, B.

Leguminosae.

- Lupinus perennis*, L. Com.
Crotalaria sagittalis. Cin.
Trifolium arvense, L. Not Com. N. O.
pratense, L. Com.
reflexum, L. Cent. O. Paines. B.

- stoloniferum*, Muhl. West & South.
repens, L. Com.

- Melilotus officinalis*, L. Gen.
alba, Lam. Gen.

- Medicago lupulina*, L. Put-in-Bay, B.

- Psoralea Onobrochis*, Nutt. Cent. *Sul.*
melilotoides, Michx. Sout'n O. *Gray.*

- Robinia Pseudacacia*, L. Gen.
viscosa, Vent.

- Tephrosia Virginiana*, Pers. Gen.

- Astragalus Canadensis*, L. Com.

- Cooperi*, Gray. Sout'n O, C. Huron Co. B.

- Desmodium nudiflorum*, DC. Com.

- acuminatum*, DC. Com.

- pauciflorum*, DC. Com.

- retundifolium*, DC. Gen.

- canescens*, DC. Gen.

- cuspidatum*, Torr. & Gray. Sout'n O. C.

- Dillenii*, Darlengt. Com.

- paniculatum*, DC. Com.

- strictum*, DC. Milan, *Kell. in Cat. New.*

- Canadense*, DC. Gen.

- rigidum*, DC. N. O. *Cat. New.*

- Marilandicum*, Boott. Lancaster, Big

- Lespedeza procumbens*, Michx.

- repens*, Torr & Gray. Gen.

- violacea*, Pers. Gen.

- " var. *divergens*, Gray. Paines. B.

- " " *sessiliflora*, " "

- " " *angustifolia*, " "

- Suevei*, Nutt.

- hirta*, Ell. Com.

- capitata*, Michx. Com.

- Stylosanthes elatior*, Schwartz, Cent. & S. O.
Cat. New.

- Vicia arvensis* L. Com.

- Cracca*, N. O. Paines. B.

- Caroliniana*, Walt. N. O. Paines. B.

- Americana*, Muhl. Gen.

- Lathyrus maritimus*, Bigelow. L. S. B.

- venosus*, Muhl. North O. Painesville, B.

- ochroleucus*, Hook. Elyria, K. Paines. B.

- palustris*, L. N. O.

- " var. *myrtifolius*, Gray. Paines. B.

- Apois tuberosa*, Mönch. Com.

- Phaseolus perennis*, Walt. Gen. *Cat. New.*

- diversifolius*, Pers. Lake Shore, B.

- Amphicarpaea monoica*, Ell. Com.

- Baptisia tinctoria*, R. Br. Cin. C.

- australis*, Torr & Gray. Banks of O. *Cat. N.*

- alba*, R. Br. Cent. O. *Sul.*

- leucophaea*, Nutt. Cin. *Kell. in Cat. New.*

- Cercis Canadensis*, L. S. O.

- Cassia Marilandica*, L. Gen.

- Chamaecrista*, L. Monroeville, B.

- nicotitans*, L. Lancaster, Big.

- Gymnocladus Canadensis*, Lam. S. O. Pal. E.

- Gleditschia triacanthos*, L. N. O.

Rosaceae.

- Prunus Americana*, Marshall. Com.

- pumila*, L. N. O.

- Virginiana*, L. Com.

- serotina*, Ehrhart. Com.

- Spiraea opulifolia*, L. Lake Shore.

- tomentosa, L. N. O.
 salicifolia, L. Com.
 lobata, Murr. S. O. *Clark*.
 Aruncus, L. Cent. and S. O., *Sul. Clark*.
 Gillenia trifoliata, *Mench. Paines. B.*
 stipulacea, Nutt. S. O. *Clark*.
 Poterium Canadense, Gray. Paines. B.
 Agrimonia Eupatoria, L. Com.
 parviflora, Ait. S. O. *Clark*.
 Geum album, Gmelin. N. O.
 Virginianum, L. Com.
 strictum, Ait. Gen.
 vernum, Torr & Gray. Col. S. Elyria, K.
 Waldsteinia fragarioides, Fratt. N. O. C. *Sul.*
 Potentilla Norvegica, L. Com.
 paradoxa, Nutt. S. O. Paines. B.
 Canadensis, L. Com.
 " var. simplex, Torr & Gray. Com.
 argentea, L. Com.
 Anserina, L. Lake Shore, B.
 fruticosa, L. Columbus, *Sul.*
 palustris, Scop. N. O.
 Fragaria Virginiana, Ehrhart. Com.
 vesca, L. N. O.
 Rubus odoratus, L. Com.
 triflorus, Richardson. N. O. Paines. B.
 strigosus, Michx. Com.
 occidentalis, L. Com.
 villosus, L. Com.
 " var. frondosus, Gray. Com.
 " var. numifusus Gray. Com.
 Canadensis, L. Gen.
 hispidus, L. Com.
 cuneifolius, Ph. Lorsin Co. *Kell.*
 Rosa setigera, Michx. Gen.
 Carolina, L. Com.
 lucida, Ehrhart. Gen.
 blanda, Ait. N. O. Cin. *Clark*.
 rubiginosa, L. Com.
 Crataegus Oxyacantha, L. Adv.
 coccinea, L. Com.
 tomentosa, L. Com.
 " pyrifolia, Gray. Com.
 " punctata, Gray. Com.
 Crus-galli, L. Com.
 flava, Ait. Cin. *Clark*.
 Pyrus coronaria, L. Com.
 arbutifolia, L. Com.
 sambucifolia, Cham. & S. Elyria, B.
 Amelanchier Canadensis, Torr & Gray.
 " var. Botryapium, Gray. Com.
 " var. alnifolia, Gray. Cent. O. *Sul.*

Saxifragaceae.

- Ribes Cynosbati, L. Gen.
 hirtellum, Michx. Com.
 canadifolium, Michx. N. O.
 lacustre, Poir. Paines. B.
 floridum, L. Com.
 rubrum, L. Thompson Ledge. B.
 Hydrangea arborescens, L. Cent. & S. *Sul. C.*
 Parnassia Caroliniana, Michx. N. O.
 Saxifraga Virginiana, Michx. Com.
 Pennsylvanica, L. Com.
 allivandia Ohionis, Torr & Gray, High. Co. *Sul.*

- Heuchera Americana, L. N. O.
 villosa, Michx. Cin. *Ward*.
 Mitella diphylla, L. Gen.
 nuda, L. Cleveland.
 Tiarella cordifolia, L. Com.
 Chrysosplenium Americanum, Schw. Com.

Crassulaceae.

- Penthorum sedoides, L. Com.
 Sedum ternatum, Michx. Gen.
 telephioides, Michx. Eastern O. *Cat. New.*
 acre, L. Adv.

Hamamelaceae.

- Hamamelis Virginica, L. Com.
 Liquidambar styraciflua, L. S. O.

Malvaceae.

- Myriophyllum spicatum, L. Com.
 scabratum, Michx. Not Com.
 tenellum, Bigelow. N. O. B.
 Proserpinaca pulustris, L. Com.

Onagraceae.

- Circea alpina, L. N. O. Com.
 Lutetiana, L. Com.
 Gaura biennis, L. Gen.
 filipes, Spach. Cin. *Kel.*
 Epilobium angustifolium, L. Com.
 palustre, L. var. lineare, Gray. N. O.
 molle, Torr. Gen.
 coloratum, Muhl. Com.
 Oenothera biennis, L. Com.
 frutisoca, L. Gen.
 chrysantha, Michx. N. O.
 pumila, L. N. O.
 Ludwigia alteruifolia, L. Com.
 palustris, Ell. Com.
 polycarpa, Short & Peter. West. O.

Meistomaceae.

- Rhexia Virginica, Cin. *Clark*.

Lythraceae.

- Ammannia humilis, Michx. Cent. O. *Sul.*
 latifolia, L. Sout'n O. *Gray*.
 Lythrum Hyssopifolia, L. Cent. & S. *Sul. C.*,
 alatum, Ph. Paines. B.
 lineare, L. Monroeville, B.
 Nesaea verticillata, H. B. K. Com.
 Cuphea viscosissima, Jacq. Cent. O. *Sul.*

Passifloraceae.

- Passiflora lutea, Cent. O. *Sul. C.*

Cucurbitaceae.

- Sicyos angulatus, L. Com.
 Echinecystis lobata, Torr & Gray. Gen.

Umbelliferae.

- Hydrocotyle Americana, L. Com.
 umbellata, L. N. O. *Cat. New.*
 Sanicula Canadensis, L. Gen.
 Marilandica, L. Com.
 Eryngium yuccaefolium, Michx. Cent. O. *Sul.*
 Daucus Carota, L. Nat.
 Heracleum lanatum, Michx. Gen.
 Pastinaca sativa, L. Nat.

Archemora rigida, DC. Gen. Elyria, K.
 " var. *ambigua*, Gray. Col. *Sul.*
Archangelica hirsuta, Torr & Gray. Gen.
atropurpurea, Hoffm. Gen.
Conioselinum Canadensis, T. & G. *Cat. New.*
Æthusa Cynapium, L. Adv. *Cat. New.*
Ligusticum? *actæifolium*, Michx. N & E.
Cat. New.
Thaspium barbinode, Nutt. Gen. *Cat. New.*
aureum, Nutt. Com.
 " var. *apterum*, Gray. Cin. *Clark.*
trifoliatum, Gray. Com.
 " var. *apterum*, Gray. Cin. *Clark.*
Zizia integrerrima, DC. Cent. *Sul.*
Cienta maculata, L. Com.
bulbifera, L. Com.
Sium lineare, Michx. Com.
Cryptotaenia Canadensis, DC. Com.
Charophyllum procumbens, Lam. Com.
Osmorrhiza longistylis, DC. Com.
brevistylis, DC. Com.
Conium maculatum, L. Com.
Eulophus Americanus, Nutt. Darby Plains, S.
Erigenia bulbosa, Nutt. Com.

Araliaceæ

Aralia spinosa, L. S. O.
racemosa, L. Gen.
hispida, Michx. N. O.
nudicaulis, L. Com.
quinquefolia, Gray. Gen.
trifolia, Gray. Com. N. O.

Cornaceæ.

Cornus Canadensis, L. Pain. *Miss Prescott.* Sum.
 mit Co., *Newberry.*
florida, L. Com.
circinata, L'Her. Gen. N. O.
sericea, L. Com.
stolonifera, Michx. Lake Shore, B.
paniculata, L'Her. Gen.
alternifolia, L. Gen.
Nyssa, multiflora, Wang. Com.

Caprifoliaceæ.

Symphoricarpos racemosus, Michx. River banks
 Paines. B.
vulgaris, Michx. Cin. *Clark.*
Lonicera sempervirens, Ait. Pain. *Werner.*
grata, Ait. N. O. *Cat. New.*
flava, Sims. Gen.
paryiflora, Lam. Gen. N. O.
 " var. *Douglassi*, Gray. Paines. B.
hirsuta, Eaton. Rare. N. O.
ciliata, Muhl. N. O.
cerulea, L. N. O. Rare. B.
Diervilla trifida, Moench. Com.
Triosteum perfoliatum, L. Gen.
angustifolium, L. Cin. *Clark.*
Sambucus Canadensis, L. Com.
pubens, Michx.
Viburnum Lentago, L. Gen.
prunifolium, L. Gen.
nudum, L. Gen. N.
dentatum, L. Com.
acerifolium, L. Com.

Opulus, L. Pain. R. Rare.
lantanoides, Michx. Paines. B.
pubescens, Ph. N. O. *Cat. New.*

Rubiaceæ.

Galium Aparine, L. Gen.
asprellum, Michx. Gen.
concinnum, Torr & Gray. Gen.
trifidum, L. Com.
 " var. *tinctorium*, Gray. Com.
 " var. *latifolium*, Gray. Ely. K. Cin. C.
triflorum, Michx. Com.
pliosum, Ait. Elyria, K.
circæans, Michx. Gen.
lanceolatum, Torr. Gen.
boreale, L. N. O. Columbus, *Sat.*
Spermacoce glabra, Michx. S. O. *Gray.*
Cephalanthus occidentalis, L. Com.
Mitchella repens, L. Com.
Houstonia purpurea, L. S. O. Torr & Gray.
 " var. *longifolia*, Gray. S. O. *Clark.*
 " var. *ciliolata*, Gray. Pain. B.
cærulea, L. Com.

Valerianaceæ.

Valeriana pauciflora, Michx. Columbus, *Sat.*
edulis, Nutt. " "
Fedia olitoria, Vahl. Int. *Cat. New.*
radiata, Michx. Columbus, *Sat.*
umbilicata, Sull. " "
patellaria, Sull. " "

Dipsacæ.

Dipsacus sylvestris, Mill. Com.

Compositæ.

Vernonia noveboracensis, Willd. Com.
fasciculata, Michx. S. O. Elyria, K.
Elephantopus Carolinianus, Willd. Cin. C.
Liatris scariosa, Willd. Com.
squarrosa, Willd. Gen.
spicata, Willd. Gen. *Monroeville, B.*
Kuhnia eupatorioides, L. *Cat. New.*
Eupatorium purpureum, L. Com.
altissimum, L. S. O. Torr & Gray.
sessilifolium, L. Rare. Painesville, B.
perfoliatum, L. Com.
ageratoides, L. Com.
aromaticum, L. *Cat. New.*
Conoclinium cælestinum, DC. Cent. *Sul.*
Tus-silago Farfara, L. N. O. Com.
Sericocarpus conyzoides, Nees. Com.
Aster corymbosus, Ait. Com.
macrophyllus, L. Com. N. O.
sericeus, Vent. S. O. *Cat. New.*
concolor, L. S. O. *Cat. New.*
patens, Ait. Com.
 " var. *phlogioliolus*, Gray. Com.
laevis, L. Com.
 " var. *laevigatus*, Gray. Com.
 " var. *cyaneus*, Gray. Com.
azureus, Lindl. S. O. Gray.
Shortii, Boott. S. O. Gray.
undulatum, L. L. Gen.
cordifolius, L. Com.
sagittifolius, Willd. Cin. *Clark.*
ericoides, L. Gen.

- " var villosus, Gray. Lake Shore, *B.*
 multiflorus, Ait. Gen.
 dumosus, L. Gen.
 Pradescanti, L. Gen.
 " var fragilis, Gray. Torr & Gray.
 miser, L. Ait. Gen.
 simplex, Willd. Gen.
 tenuifolius, L. Gen.
 carneus, Nees. Cin. *Rid. in Torr & Gray.*
 astivus, Ait. N. O. Rare.
 " var latiflorus, Gray. Columbus, *Sul.*
 Novi-Belgii, L. Gen. *Cat. New.*
 longifolius, Lam. Columbus, *Sul.*
 puniceus, L. Gen.
 " var vimineus, Gray. N. O.
 prenanthoides, Muhl. Gen.
 Novae-Angliae, L. Com.
 acuminatus, Michx. N. O. Rare.
 Erigeron Canadense, L. Com.
 bellidifolium, Muhl. Com.
 annuum, Pers. Gen.
 strigosum, Muhl. Com.
 Philadelphicum, L. Com.
 Diplopappus linariifolius, Hook. Com.
 umbellatus, Torr & Gray. N. O.
 amygdalinus, L'Her. S. O. *Cat. New.*
 Moltonia glastifolia, L'Her. S. O. *Cat. New.*
 Solidago squarrosa, Muhl. Paines. *B.*
 bicolor, L. Com.
 " var concolor, Gray. Paines. *B.*
 latifolia, L. Com.
 casia, L. Com.
 virgata, Michx. Co. *Sul.*
 puberula, Nutt. Paines. *B.*
 stricta, Ait. Elyria, *K.*
 speciosa, Nutt. Gen.
 " var agustata, Gray. N. O. Rare.
 Virga-aurea, L. Gen. *Cat. New.*
 rigida, L. Monroeville, *B.*
 Ohioensis, Riddell. Cent. and S. *Sul. Rid.*
 Riddellii, Frank. Columbus, *Sul.*
 neglecta, Torr & Gray. Paines. *B.*
 patula, Muhl. Com.
 arguta, Ait. Com.
 Muhlenbergii, Torr & Gray. Gen.
 altissima, L. Com.
 alnifolia, Muhl. Com.
 nemoralis, Ait. Com.
 Canadensis, L. Com.
 serotina, Ait. Com.
 gigantea, Ait. Com.
 lanceolata, L. Com.
 tenuifolia, Ph. Com.
 Gnyssopsis Mariana, Nutt. Knox co. *Kel*
 Inula Helenium, L. Com.
 Pluchea fetida, DC. S. O. *Gray.*
 Polymnia Canadensis, L. Gen. Paines. *B.*
 Uvedulia, L. Gen. Paines. *B.*
 Silphium laciniatum, L. West. O. Gen.
 terebinthinaceum, L. Cent. & S. O. Mon. *B.*
 " var pinnatifidum, G. Cent. O. *Sul.*
 trifoliatum, L. Gen.
 integrifolium, Michx. Gen. Monroeville, *B.*
 perfoliatum, L. Gen. Paines. *B.*
 Ambrosia trifida, L. Com.
 artemisiaefolia, L. Com.
 Xanthium strumarium, L. Com.
 " var echinatum, Gray. Com.
 Eclipta procumbens, Michx. Cin. *C.*
 Heliopsis laevis, Pers. Com.
 Echinacea purpurea, Moench. Columbus, *Sul.*
 Rudbeckia laciniata, L. Com.
 triloba, L. Columbus, *Sul.*
 speciosa, Wenderoth. Columbus, *Sul.*
 fulgida, Ait. Cent. & S. *Sul. Clark.*
 hirta, L. Com.
 Lepachys pinnata, Torr & Gray. Colma. *Sul.*
 Helianthus latiflorus, Pers. S. O. *Gray.*
 occidentalis, Riddell. S. O. *Gray.*
 cinereus, var Sullivantii, Torr. & G. Darby
 Plains, *Sul.*
 mollis, Lam. S. O. *Gray.*
 microcephalus, Torr & Gray. S. Gen. Ely. *K.*
 giganteus, L. Gen.
 " var ambiguus, Gray. Pain. *B.*
 grosse-serratus, Martens. Cent. O. *Sul.*
 strumosus, L. Gen.
 " var mollis, Gray. Pain. *B.*
 hirsutus, Raf. S. O. *Gray.*
 trachelifolius, Willd. Gen.
 decapetalus, L. Com.
 " var frondosus, Gray. Pain. *B.*
 doronicoides, Lam. River banks. Gen.
 tuberosus, L.
 Actinomeris squarrosa, Nutt. Com.
 helianthoides, Nutt. Cent. & S. *Sul.*
 Coreopsis verticillata, L. S. O. *Torr & Gray.*
 tripteris, L. Com.
 aristosa, Michx. Lorain co. *K.*
 discoides, Torr & Gray. S. O. *Gray.*
 trichosperma, Michx. Gen. *Cat. New.*
 Bidens frondosa, L. Com.
 connata, L. Com.
 chrysanthemoides, Michx. Com.
 Beckii, Tor. Geauga co. *Canfield.*
 bipinnata, L. Gen. Paines. *B.*
 Verbesina Seigesbeckia, Michx. Com.
 Helenium autumnale, L. Com.
 Maruta Crotula, DC. Com.
 Achillea Millefolium, L. Com.
 Leucanthemum vulgare, L.
 Parthenium, Godroh. Nat. Elyria *B.*
 Fanacetum vulgare, A. Adv. Com.
 Artemisia vulgaris, L.
 Absinthium, L.
 auna, L. Adv.
 biennis, Willd. Paines. *B.*
 Canadensis, Michx. Lake shore, *B.*
 Gnaphalium decurrens, Ives. Com.
 polycephalum, Michx.
 ulginosum, L. Com.
 purpureum, L. Com.
 Antennaria margaritacea, R. Br. N. *Cat. New.*
 plantaginifolia, Hook. Com.
 Filago Germanica, L. Gen. Adv. *Cat. New.*
 Erechthites hieracifolia, Raf. Com.
 Cacalia suaveolens, L. Paines. *B.*
 reniformis, Muhl. Cincinnati, *Clark.*
 atriplicifolia, L. Com.
 tuberosa, Nutt. Cent. *Sul.*

Senecio lobatus, Pers. S. O. Gray.
aureus, L. Com.
 " var *obovatus*, Gray. Gen.
Centaurea Cyanus, L. Adv. Com.
Cnicus benedictus, L. Nat. Cat. New.
Cirsium lanceolatum, Scop. Gen.
discolor, Spreng.
altissimum, Spreng. Gen.
Virginianum, Michx. Gen.
muticum, Michx. Gen.
pumilum, Spreng. Gen. Cat. New.
arvense, Scop. Nat. Gen.
Onopordon Acanthium, L. Nat. Cat. New.
Lappa officinalis, Allioni. Com. Nat.
Cichorium Intybus, L. Int.
Krigia Virginica, L. S. O. Leag.
Cynthia Virginica, Don. Plains, B.
Dandelion, DC. Cent. Sul.
Hieracium Canadense, Michx. N. O. Gen.
Gronovii, L. Gen.
venosum, L. Com.
paniculatum, L. Com.
Nabulus albus, Hook. N. O. Gen.
 " var *Serpentaria*, Gray. Gen.
altissimus, Hook. N. O. Pain. B.
racemosus, Hook. Cent. Gray.
asper, Torr & Gray. Cent & W. Gray.
crepidineus, DC. Cent. Sul.
Taraxacum Dens-leonis, Desf. Nat. Com.
Lactuca Canadensis, L. Com.
 " var *integrifolia*, Torr & Gray. Gen.
Mulgedium acuminatum, DC. Com.
Floridanum, DC. Cent & S. Torr & Gray.
leucophæum, DC. Cat. New. Oberlin. Dr. D.
Sonchus oleraceus, L. Nat. Com.
asper, Vill. Nat. Com.

Lobeliaceæ.
Lobelia Cardinalis, L. Com.
syphilitica, L. Com.
inflata, L. Com.
spicata, Lam. Cin. Clark. Columbus. Sul.
Kalmii, L. Cent. O. Sul.

Campanulaceæ.
Campanula linifolia, Lam. Put-in-Bay, B.
aparinoides, Ph.
Americana, L. Com.
Specularia perfoliata, A. DC. Com.

Ericicæ.
Gaylussacia dumosa, Torr & Gray. Lor. co. K.
frondosa, Torr & Gray. N. O. Gen.
resinosa, Torr & Gray. N. Gen.
Vaccinium Oxycoccus, L. N. Rare.
macrocarpon, Ait. N. Gen.
stamineum, L. Pain. Miss Prescott, Elyria, K.
vacillans, Solander. Thompson Ledge, B.
Pennsylvanicum, Lam. N. & E.
 " var *angustifolium*, Gray Thompson Ledge, B.
corymbosum, L. N. & E.
 " var *pallidum*, Gray. N. & E.
Arctostaphylos Uva-ursi, Spreng. Sandusky, Dr. Agard.
Epigæa repens, L. N. Not rare.

Gaultheria procumbens, L. N. Com.
Cassandra culiculata, Don. N. Gen.
Oxydendrum arboreum, DC. Cent. Sul.
Kalmia latifolia, L. E.
angustifolia, L. Cent & E.
Azalea viscosa, L. N. Paines, B.
nudiflora, L. Painesville, B.
calendulacea, Lancaster, Big.
Andromeda polifolia, L. Geauga co. We. ner.
Rhododendron maximum, L. E. Jan. Big.
Ledum latifolium, Ait. Lorain co. K.
Pyrola rotundifolia, L. Gen.
 " var *asarifolia*, Gray. N. Not com.
 " var *uliginosa*, Gray. N. Rare.
elliptica, Nutt. Gen. N.
secunda, L. N. Paines, B.
Chimaphila umbellata, Nutt. Gen.
maculata, Ph. Gen.
Monotropa uniflora, L. Gen.
Hypopitys, L. Gen.

Aquifoliaceæ.

Ilex verticillata, Gray. Gen.
Nemopanthes Canadensis, DC. N. E. Not rare.

Ebenaceæ.

Diospyros Virginiana, L. S.

Plantaginaceæ.

Plantago major, L. Not com.
cordata, Lam. Pain. B.
lanceolata, L. Not gen.
Virginica, L. Cat. New.
pusilla, Nutt. Cat. New.

Primulaceæ.

Dodecatheon Meadia, L. Cent. Sul. Cin. C.
Trientalis Americana, L. N. Gen.
Anagallis arvensis, Nat. N. Cat. New.
Lysimachia thyrsiflora, L. N. Gen.
stricta, Ait. Gen.
quadrifolia, L. Com.
ciliata, L. Com.
lanceolata, Walt. N. & Cent.
 " var *hybrida*, Gray. Pain. B.
 " var *angustifolia*, Gray. Pain. B.
longifolia, Ph. Cent. Sul.
Samolus Valerandi, L. Com.
 " var *Americanus*, Gray. Com.

Lentibulaceæ.

Utricularia vulgaris, L. Gen.
 " var *Americana*, Gray. Cent. Sul.
minor, L. N. Rare.
intermedia, Hayne. Cent. S.
gibba, L. Cent & S. Cat. New.
cornuta, Michx. Cent. S.

Bignoniaceæ.

Tecoma radicans, Juss. S. Cat. New.
Catalpa bignonioides, Walt. Int. Gen.
Martynia proboscidea, Glox. Int.

Orobanchaceæ.

Epiphegus Virginiana, Bart. Com.
Conopholis Americana, Wadroth. Pain. B.
Aphyllon uniflorum, Torr & Gray. Gen.

Scrophulariaceae.

- Verbascum Thapsus*, L. Nat. Com.
Blattaria, L. Not. Gen.
Linaria Canadensis, Spreng. Com.
vulgaris, Mill. Nat. Com.
Scrophularia nodosa, L. Gen.
Collinsia verna, Nutt. S. Gen. Paines. B.
Chelone glabra, L. Gen.
Pentstemon pubescens, Salandør. Gen.
Mimulus, *ringens*, L. Com.
alatus, Ait. Gen.
Conoclea multifida, Benth. S. W. Gray.
Gratiola Virginica, L. Com.
aurea, Muhl. E. & N. Cat. New.
Hysanthos gratioides, Benth. Com.
Veronica Virginica, L. N.
Anagallis, L. Gen. Cat. New.
Americana, Schw. Com.
ventellata, L. Com.
officinalis, L. Gen. Cat. New.
serpyllifolia, L. Com.
peregrina, L. Com.
arvensis, L. Com.
agrestis, L. Com. Cat. New.
Buchnera Americana, L. Columbus, *Sub.*
Seymeria macrophylla, Nutt. Columbus, *Sub.*
Gerardia purpurea, L. Huron co. B.
tenuifolia, Vahl. Gen.
flava, L. Com.
quercifolia, Ph. Gen.
pedicularia, L. Trumbull co. K.
auriculata, Michx. Columbus, *Sub.*
Castilleja coccinea, Spreng. N. Rare.
Pedicularis Canadensis, L. Com.
lanceolata, Michx. Gen.
Melampyrum Americanum, Michx. Com.

Acathaceae.

- Dianthera Americana*, L. W. & S.
Ruellia ciliosa, Ph. Gen.
strepens, L. Columbus, *Sub.*

Verbenaceae.

- Verbena angustifolia*, Michx. Gen.
hastata, L. Com.
articulifolia, L. Com.
stricta, Vent. W. Gray.
Lippia lanceolata, Michx. Colum. *Sub.*
Phryma Leptostachya, L. Com.

Labiatae.

- Teucrium Canadense*, L. Com.
Trichostema dioctomum, L. S. Cat. New.
Isanthus ceruleus, Michx. Col. *Sub.*
Mentha viridis, L. Com. Nat.
piperita, L. Nat. Com.
sativa, Nat. Columbus, *Sub.*
Canadensis, L. Gen. N.
" var. *glabrata*, Gray. Cin. Clark.
Lycopus Virginicus, L. Com.
Europaeus, L. Com.
" var. *sinnatus*, Gray. Paines. B.
Cunila Mariana, L. S. Gray.
Pycnanthemum incanum, Michx. Gen.
pilosum, Nutt. S. Clark.
muticum, Pers. Cent. *Sub.*

- lanceolatum*, Ph. N. Gen.
linifolium, Ph. Huron co. E.
Origanum vulgare, L. S. Lesq.
Thymus Serpyllum, L. N.
Calamintha glabella, Benth.
" var. *Nuttalli*, Gray. Cent. *Sub.*
Clinopodium, Benth. Gen.
Melissa officinalis, L. Nat. Paines. B.
Hedeoma pulegioides, Pers. Com.
Collinsonia Canadensis, L. Gen.
Salvia lyrata, L. S. Paines. K.
Monarda didyma, L. N. Rare.
distulosa, L. N. Rare.
Bradburiana, Beck. S. & W. Clark.
punctata, L. Gen. Cat. New.
Blephilia ciliata, Raf. Cent. S. South'n, C.
hirsuta, Benth. S. C.
Lophanthus nepetoides, Benth. Gen.
Nepeta Cataria, L. Com.
Glechoma, Benth. Com.
synedra grandiflora, Nutt. S. Gray.
Physostegia Virginiana, Benth. N. C. & E.
Brunella vulgaris, L. Com.
Scutellaria versicolor, Nutt. S. C.
saxatilis, Riddell S. G.
canescens, Nutt. Cent. *Sub.* Paines. B.
nervosa, Ph. S. C. Cent. S.
parvula, Michx. S. C. Cent. S.
galericulata, L. Com.
lateriflora, L. Com.
Marrubium vulgare, L. Nat. Com.
Galeopsis tetrahit, L. Com. Adv.
Stachys pulstris, L. Gen.
" var. *cordata*, Gray. Gen.
" *aspera*, Gray. Gen.
Leonurus, *Cardiaca*, L. Int. Com.
Lamium amplexicaule,
purdureum, L. Nat. Paines. E.

Horraginaceae.

- Echium vulgare*, L. Nat. Cat. New.
Symphitum officinale, L. Nat.
Onosmodium Virginianum, DC. Gen.
Carolinianum, DC. Gen.
molle, Michx. S. O. G.
Lithospermum arvense, L. Nat. Gen.
officinale, L. Nat. Gen.
latifolium, Michx. S. G.
canescens, Lehm. Gen.
Mertensia Virginea, DC. Com.
Myosotis palustris, With. Gen.
arvensis, Hoffm. Gen.
verna, Nutt. Gen.
Echinospermum Lappula, Lehm. Gen. Nat.
Cynoglossum officinale, L. Int. Com.
Virginicum, L. Gen.
Morisoni, DC. Gen.
Heliophyllum Indicum, DG. Adv. S. C.

Hydrophyllaceae.

- Hydrophyllum macrophyllum*, Nutt. S. G.
Virginicum, L. Gen.
Canadense, L. Gen.
appendiculatum, Michx. Gen.
Phacelia bipinnatifida, Michx. Cent. S.

Purshii, Buckley. S. C.
 fimbriata, Michx. Cent & S. *Sul*
 parviflora, Ph. Cent & S. *Cat. New.*

Polemoniaceæ.

Polemonium reptans, L. Com.
 Phlox paniculata, L. Gen.
 maculosa, L. Cent & S. *Sul. O.*
 glaberrima, L. Cent & W. *Gray.*
 pilosa, L. Cent, *Sul.*
 divaricata, L. Com.
 subulata, L. Com.
 Carolina, L. Cent & W. *Cat. New.*

Convolvulaceæ.

Quamoclit coccinea, Moench. Int. C. *Gray.*
 Ipomœa lacunosa, L. S. & W. *Cat. New.*
 pandurata, Meyer. Gen. N.
 Calystegia sepium, R. Br. Com.
 spithamea, Ph. Gen.
 Cuscuta Epilinum, L. Int. Gen.
 chlorocarpa, Engelm. Gen.
 Gronovii, Willd. Gen.
 rostrata, Shuttleworth. Pain. B.
 compaca, Juss. Paines, B.
 glomerata, Choisy. Gen.

Solanaceæ.

Solanum Dulcamara, L. Nat. Com.
 nigrum, L. Com.
 Carolinense, L. Cent & S. Painesville, B.
 Physalis Philadelphia, Lam. S. Pain, B.
 viscosa, L. Com.
 Nicandrophysaloides, Gaertn. Adv.
 Hyoscyamus niger, L. Lake shore.
 Datura Stramonium, C. Com. Adv.
 Tatula, L. Com.

Gentianaceæ.

Sabbatia angularis, Ph. S. C.
 Fraxea Carolinensis, Walt. Rare. Burton,
Ferriss, Elyria, K.
 Gentiana quinqueflora, Lam. S. Cin. C.
 " var occidentalis, Gray. Columbus, *Sul.*
 crinita, Frœl. Cent, *Sul.*
 detonsa, Fries. N. *Cat. New.*
 ochroleuca, Frœl. Gen. *Cat. New.*
 Andrewsii, Griseb. Gen. N. B.
 Saponaria, L. Columbus, *Sul. Clark.*
 puberula, Michx. Cent, S.
 Bartonian tenella, Muhl. N. Rare. B.
 Obolaria Virginica, L. Paines. *Miss P. B.*
 Menyanthes trifoliata, L. Paines. B.
 Limnanthemum lacunosum, Griseb. Paines B.

Apocynaceæ.

Apocynum androsæmifolium, L. Com.
 cannabinum, L. Com.
 " var pubescens, Gray. Com.
 " var hypericifolium, Gray. Com.

Asclepiadaceæ.

Asclepias Cornuti, Decai ne. Com.
 Sullivantii, Engelm. Columbus, *Sul.*
 phytolacoides, Ph. Gen.
 purpurascens, L. Gen.
 quadrifolia, Jacq. Com.

incarnata, L. Com.
 obtusifolia, Michx. Gen.
 tuberosa, L. Com.
 verticillata, L. Gen. *Cat. New.*
 Acerates viridiflora, Ell. Gen. *Cat. New.*
 longifolia, Ell. S. Huron co. B.
 Enslenia albida, Nutt. S. *Gray.*
 Gonolobus obliquus, R. Br. S. *Clark.*
 Periploca Græca, L.

Oleaceæ.

Ligustrum vulgare, L. Nat. Com.
 Chionanthus Virginica, L. S. *Cat. New.*
 Fraxinus Americana, L. Com.
 pubescens, Lam. Summit co. *New.*
 viridis, Michx. Gen. *Cat. New.*
 sambucifolia, Lam. Com.
 quadrangulata, Michx. Colum. *Sul.*

Aristolochiaceæ.

Asarum Canadense, L.
 Aristolochia Serpentaria, S. & Cent. Gen.

Phytolaccaceæ.

Phytolacca decandra, L. Com.

Chenopodiaceæ.

Chenopodium album, Int. Com.
 urbicum, L. Int. Gen.
 " var rhombifolium, Moquin. Int.
 Paines. B.
 murale, L. Adv. Elyria, B.
 hybridum, N. Nat.
 Botrys, L. Nat. Com.
 ambrosioides, L. Nat. Com.
 " var anthelminticum, Gray. Nat. Gen.
 Blitum capitatum, L. N. *Cat. New.*
 Atriplex patula, L. var hastata, Gray. Pain. B.
 " var littoralis, Gray. Cleveland, B.

Amarantaceæ.

Amarantus hypochondriacus, L. Adv. Gen.
 retroflexus, L. var hybridus, Gray, Nat. Com.
 albus, L. Com. Nat.
 spinosus, L. Nat. Com. S. Paines. B.
 pumilus, Eaf. Nat. Gen.
 viridis, L. Nat. Paines. B.
 Acnida cannabinia, L. Cent. & S. C. *Sul.*
 Iresine celosioides, L. Cent. & S. *Gray.*

Polygonaceæ.

Polygonum orientale, L. Adv. Gen.
 Careyi, Olney. Pain. B.
 Pennsylvanicum, L. Com.
 incarnatum, Ell. Gen. Paines. B.
 Persicaria, L. Com.
 Hydropiper, L. Nat. Com.
 acre, H. B. K. Com.
 hydropiperoides, L. Michx. Com.
 amphibium, L. Gen. Paines. B.
 " var terrestre, Willd. Gen.
 Virginianum L. Com.
 articulatum, L. Lake Shore. Rare.
 aviculare, L. Com.
 " var erectum, Roth. Com.
 ramosissimum, Michx. Cleveland, B.
 tenne, Michx. Col. *Sul.*
 arifolium, L. Com.

sagittatum, L. Com.
 Convolvulus, L. Nat. Com.
 ciliinode, Michx. Gen. *Cat. New.*
 dumetorum L. Adv. Com.
 " var scandens, Gray, Com
 Fagopyrum esculentum, Mönch. Adv.
 Rumex orbiculatus, Gray. Gen. N.
 Britannica, L., Gen. N.
 sulcifolius, Wein. Pain. B.
 verticillatus, L. Com.
 crispus, L. Nat. Com.
 obtusifolius, L. Nat. Com.
 sanguineus, L. Nat. Com.
 Aetiosella, L. Nat. Com.

Lauraceæ.

Sassafras officinale, Nees. Com.
 Lindera Benzoin, Meisner. Com.

Thymelæaceæ.

Dicra palustris, L. Com.

Elaeagnaceæ.

Shepherdia Canadensis, Nutt. Gen. N.

Santalaceæ.

Tomandra umbellata, Nutt. Com.

Loranthaceæ.

Phoradendron flavescens, N. C. & S. *Cat. New*

Saururaceæ.

Saururus cernuus, L. Com

Ceratophyllaceæ.

Ceratophyllum demersum, L. var commune,
 Gray Gen.

" var echinatum, Gray. Cent. *Sul.*

Callitriche verna, L. Com.

heterophylla, Ph. Painesville, B.

Podostemaceæ.

Podostemon ceratophyllus, Michx. Gen. *C. New.*

Euphorbiaceæ.

Euphorbia polygonifolia, L. Lake Shore, B.

maculata, L. Com

humistrata, Engelm. Paines, B. Adv.

hypericifolia, L. Com.

corollata, L. Gen.

platyphylla, L. Lake Shore, B.

obtusata, Ph. Cent. & S. *Sul. Clark.*

Cyparissias, L.

Peplus, L. Columbus, *Snl.*

Acalypha Virginica, L. Com.

Caroliniana, Walt. S. *Gray.*

Phyllanthus Carolinensis, Walp. S. *Cat. New.*

Urticaceæ.

Urtica ulva, Michx. Gen.

Americana, L. Com.

racemosa, Thomas. Pain, B. S. Gen.

Celtis occidentalis, L. Cent. & S. Gen.

" var crassifolia, Gray. Cent. S.

Morus alba, L. Com. Nat.

rubra, L. Gen.

Urtica gracilis, Ait. Gen.

dioica, L. Gen. Int.

urens, L. Nat. scarce.

Laportea Canadensis, Gaud. Com.

Pilea pumila, Gray. Com.

Bœhmeria cylindrica, Willd. Com

Parietaria Pennsylvanica, Muhl. Gen.

Cannabis sativa, L. Int. Gen.

Humulus Lupulus, L. Int. Gen.

Platanaceæ.

Platanus occidentalis, L. Com.

Juglandaceæ.

Juglans cinerea, L. Com.

nigra, L. Com.

Carya alba, Nutt. Com.

microcarpa, Nutt. Gen. *Cat. New.*

sulcata, Nutt. Gen.

tomentosa, Nutt. Com.

porcina, Nutt. Com.

amara, Nutt. Com.

Cupuliferæ.

Quercus alba, L. Com.

obtusiloba, Michx. Gen.

macrocarpa, Michx. Gen.

" var oliviformis, Gray. Gen.

bicolor, Willd. Gen.

Prinus, var monticola, Michx. Gen.

" var acuminata, Michx. Gen.

imbricaria, Michx. Gen. S.

nigra, L. Gen.

Leana, Nutt. S. *Gray.*

ilicifolia, Wang. S. *Gray.*

coccinea, Wang. Gen.

" var tinctoria, Gray. Com.

rubra, L. Com.

palustris, Du Roi. Com.

Castanea vesca, var Americana, Michx. Co

pumila, Michx. Gen. S.

Fagus ferruginea, Ait. Com.

Corylus Americana, Walt. Com.

rostrata, Ait. N. Paines. B.

Ostrya Virginica, Willd. Com.

Carpinus Americana, Michx. Com.

Myricaceæ.

Myrica cerifera, L. Paines B

Comptonia asplenifolia, Ait. Kent, Dr. Dou

Betulaceæ.

Betula lutea, Michx. f. Gen.

lenta, L. Gen? *Cat. New.*

nigra, L. Gen? *Cat. New.*

pumila, L. C. & N. *Cat. New.*

Alnus incana, Willd. Com.

serrulata, Ait. Com.

Salicaceæ.

Salix candida, Willd. N. & C. *Cat. New.*

tristis, Ait. Gen. *Cat. New.*

humilis Marshall Gen. *Cat. New.*

discolor, Muhl. Com.

sericea, Marshall. Gen.

petiolaris, L. Gen. B.

cordata, Muhl. Com.

" var rigida, Gray. Gen.

rostrata, Richardson. Paines. B.

lucida, Muhl. Com.

nigra, Marshall. Com.

" var falcata, Ph. Com.

" var amygdaloides, Ph. *Palat. B.*
alba, L. Gen.

" var vitellina, Gray. Gen.

longifolia, Muhl. Com.

" var argyrophylla, Ph. *Palat. B.*

Populus tremuloides, Michx. Com.

grandidentata, Michx. Com.

heterophylla, L. *Palat. B.*

monilifera, Ait. Gen.

angulata, Ait. Gen.

balsamifera, L. Gen.

" var candicans, Gray. Gen.

Coniferae.

Pinus rigida, Miller. Cent. S.

inops, Ait. Cent & S. *Cal. New.*

Banksiana, Lamb. S. *Cal. New.*

resinosa, Ait. N.

Strobus, L. Gen.

Abies Canadensis, Michx. N. Com.

Larix Americana, Michx. N.

Cupressus thyoides, L. Urbana. *Sal.*

Juniperus communis, L. Summit co. *New.*

Virginiana, L. Com.

Taxus baccata, L. var *Canadensis*, Gray. Com.

CLASS II. ENDOGENOUS.

Araceæ.

- Arisæma, triphyllum*, Tor. Com.
Dracontium, Schott. Com.
Peltandra Virginica, Raf. Com.
Calla palustris, L. Pain. B.
Symplocarpus foetidus, Salisb. Com.
Acorus Calamus, L. Com.

Lemnaceæ.

- Lemna trisulca*, L. Com.
minor, L. Gen.
polyrrhiza, L. Com.
Wolffia Columbiana, Karsten. Paines. B.

Typhaceæ.

- Typha latifolia*, L. Com.
 " var *angustifolia*, L. Gen.
Sparganium eurycarpum, Engelm. Com.
 " var *androcladum*, Eng. Gen.

Naiadaceæ.

- Najas flexilis*, Rostk. Com.
Zannichellia palustris, L. Gen.
Potamogeton natans, L. Com.
Claytonia, Tuckerman. Gen.
Spirillus, Tuck. Paines. B.
hybridus, Michx. Paines. B.
lonchites, Tuck. Gen. N.
gramineus, L. Gen. N.
lucens, L. N. Rare.
prælongus, Wulfen. N. Rare.
perfoliatus, L. Com.
compressus, L. Com.
pectinatus, L. N. Gen.
Robbinsii, Oakes. Gauga. co. *Caryfield*.

Alismaceæ.

- Triglochin palustre*, L. Cent. S.
maritimum, L. var *elatum*, Gray. Colum. *Sul*.
Scheuchzeria palustris, L. Summit co. *New*.
Alisma Plantago, L. var *Americanum*, G. Com.
Sagittaria variabilis, Eng. Com.
 " var *obtusata*, Eng. Com.
 " var *latifolia*, Eng. Com.
 " var *diversifolia*, " "
 " var *angustifolia*, " "
 " *gracilis*, " "

Hydrocharidreæ.

- Anacharis Canadensis*, Planchon. Com.
Vallisneria spiralis, L. Com.

Orchidaceæ.

- Orchis spectabilis*, L. Gen.
Habenaria tridentata, Hook. C. & S. *New*.
 Paines. B.
virescens, Spreng. Gen.
viridis, R. Br. var *bracteata*, Riech. N. C. *New*.
hyperborea, R. Br. N. *Cat. New*.
rotundifolia, Rich. N. *Cat. New*.
Hookeri, Tor. N. *Cat. New*.
orbiculata, Tor. N. Gen.
ciliaris, R. Br. N. Paines. B.
blephariglotis, Hooker. Munson Pond, B.
leucophæa, Gray. Columbus, *Sul*.
lacera, R. Br. N. Com.
psycodes, Gray N. & C. *Cat. New*.
flimbriata, R. Br. N. Cent. *Sul*.
Goodyera pubescens, R. Br. Gen.
repens, R. Br. Gen. *Dat. New*.
Spiranthes latifolia, Tor. N. Gen.
cernua, Richd. Gen.
gracilis, Bigelow. Gen. N.
Listera cordata, R. Br. E. & N. *Cat. New*.
Arethusa bulbosa, L. Lorain co. K.
Pogonia ophioglossoides, Nutt. Gen.
pendula, Lindl. Summit co. N. Cin. C.
verticillata, Nutt. Paines. B.
Colopogon pulchellus, R. Br. Gen.
Tipularia discolor, Nutt. Lorain co. B.
Microstylis ophioglossioides, Nutt. C. & S. *Sul*.
Liparis liliifolia, Richard. Col. *Sul*.
Corallorhiza innata, R. Br. Southwest. C. *New*.
odontorhiza, Nutt. Gen.
multiflora, Nutt. Gen.
Aplectrum hyemale, Nutt. Pain. B.
Cypripedium pubescens, Wald. Gen.
candidum, Muhl. Columbus, *Sul*.
parviflorum, Salisb. Cent. S.
spectabile, Swartz. Gen.
acaule, Ait. Gen.

Amaryllidaceæ.

- Hypoxys erecta*, L. Gen.

Hemodoraceæ.

- Aletris farinosa*, L. Gen.

Iridaceæ.

- Iris versicolor*, L. Com.
lacustris, Nutt. Licking co. *Big*.
Sisyrinchium Bermudianum, L. Com.

“ var mucronatum, Gray. Cent. S
Dioscoreaceæ.
Dioscorea villosa, L. Com.

Smilacaceæ.
Smilax rotundifolia, L. Com.
 “ var quadrangularis, Gray. Gen.
hispida, Muhl. Gen. Pain. B.
tamnoides, L. Gen? *Cat. New.*
herbacea, L. Com.

Liliaceæ.
Trillium sessile, L. Cent. *Sul. Clark.*
grandiflorum, Salisb. Com
erectum, L. Com.
 “ *album*, Ph. Gen.
 “ *declinatum*, Gray. Ohio, *Gray*
cernuum, L. Gen. *Cat. New.*
nivale, Riddell. Painesville, B.
erythrocarpum, Michx. N. *Cat. New.*
Medeola Virginica, L. Com.
Melanthium Virginicum, L. Cent. & S. *Sul. C.*
Zygadenus glaucus, Nutt. Columbus, *Sul.*
Stenanthium angustifolium, Gray. Cent. *Sul.*
Veratrum viride, Ait. Com.
Chamaelirium luteum, Gray. Gen.
Toffeldia glutinosa, Hudson. Cent. *Sul.*
Uvularia grandiflora, Smith. Com.
perfoliata, L. Gen.
sessilifolia, L. Gen.
Prosartes lanuginosa, Don. N. & E. B.
Streptopus amplexifolius, DC. Paines, B.
Clintonia borealis, Raf. N. *Cat. New.*
Smilacina racemosa, Desf. Gen.
stellata, Desf. Gen.
trifolia, Desf. Summit co. *New.*
bifolia, L. Com.

Polygonatum biflorum, Ell. Gen.
giganteum, Dietrich. Gen.
Asparagus officinalis, L. Lake Shore. Adv.
Lilium Philadelphicum, L. Com.
Canadense, L. Gen.
superbum, L. Gen.
Erythronium Americanum, Smith, Com.
albidum, Nutt. Com.
Scilla Fraseri, Gray. Gen.
Allium tricoccum, Ait. Gen.
cernuum, Roth. Gen. *Cat. New.*
stellatum, Nutt. Put-in-Bay, B.
Canadense, Kalm. Gen.
Hemerocallis fulva, L. Com. Int.

Juncaceæ.
Luzula pilosa, Willd. Com.
campestris, DC. Com.
Juncus effusus, L. Com.
filiformis, L. Com. Gen. *Cat. New.*
Balticus, Dethard, Lake Shore, B.
stygius, Lr W. *Lesq.*
marginatus, Rostk. Gen. *Cat. New.*
bufonius, L. Com.
Gerardi, Smith. Lake Shore, rare, B.
tenuis, L. Com.
tenuis, L. Com.
militaris, Bigel w. S. *Cat. New.*
acuminatus, Michx. Pain. B.

nodosus, L. Marshes along Lake Erie, B.
 “ var *megacephalus*, Tor. With the last, B.
brachycarpus, Englem. Ohio, *Gray.*
scirpoides, Gen. *Cat. New.*

Pontederiaceæ.
Pontederia cordata, L. Com.
 “ var *angustifolia*, Gray. Com.
Heteranthera reniformis, Ruiz & Pav. Cin. C.
Schoellera graminea, Willd. Com.

Commelyneceæ.
Commelyna Virginica, L. Cin. C.
Tradescantia Virginica, L. Int.
pilosa, Lehm. O. *Gray.*

Xyricaceæ.
Xyris flexuosa, Muhl. Lancaster, *Big.*
Caroliniana, Walt.

Cyperaceæ.
Cyperus flavescens, L. O. *Lesq.*
diandrus, Tor. Gen.
 “ var *castaneus*, Tor. Com.
erythrorhizos, Muhl. Paines, B.
inflexus, Muhl. Cent. S.
dentatus, Tor. Gen. *Cat. New.*
phymatodes, Muhl. Com.
strigosus, L. Com.
Schweinitzii, Torr. O. *Gray.*
ovularis, Tor. Gen. *Cat. New.*
Aliculmis, Vahl. Com.
retrofractus, Tor. C. & S. *Cat. New.*
Kyllurgia pumila, Michx. Cent. *Sul.*
Dulichium spathaceum, Pers. Com.
Fuirena squarrosa, Michx. N. *Cat. New.*
Eleocharis equisetoides, Tor. Gen. *Cat. New.*
obtusa, Schultes. Com.
olivacea, Tor. S. *Lesq.*
rostellata, Tor. *Cat. New.*
palustris, K. Br. Com.
compressa, Sullivan. Cent. *Sul.*
intermedia, Schultes. Com.
tenuis, Schultes. Com.
acicularis, R. Br. Com.
Scirpus planifolius, Muhl. Pain. B.
subterminalis, Tor. Pain. B.
pungens, Vahl. Lake marshes, B.
Torreyi, Olney. Paines B.
validus, Vahl. Com.
fluviatilis, Gray. Rivers. Com. N.
atrovirens, Muhl. Com.
polyphyllus, Vahl. Com.
lineatus, Michx. Com.
Eriophorum, Michx. Com.
Eriophorum alpinum, L. N. *Cat. New.*
vaginatum, L. Paines. B.
Virginicum, L. Com.
polystachyon, L. Paines. B.
 “ var *angustifolium*, Gray. Paines. B.
 “ var *latifolium*, “ “ “
gracile, Koch. Plymouth, B.
Fimbristylis autumnalis, R. & S. Cin. *Kel.*
capillaris, Gray. Gen.
Rhynchospora fusca, R. & S. Gen. *Cat. New.*
alba, Vahl. Plymouth marsh. B.
glomerata, Vahl. “ “ “

capillacea, Tor. Cent. *S.*
 coriicula a, Gray. *Cat. New.*
 Cladium mariscoides, Tor. Cent. *Sul.*
 Scleria triglomerata, Michx. Cent. *S.*
 pauciflora, Muhl. " "
 verticillata, Muhl. " "
Carex polytrichoides, Muhl. Gen.
 Willdenovii, Schk. Cent. *S.*
 Steudelii, Kuntz. Paines. *B.*
 Backii, Boott. N. O. *Gray.*
 bromoides, Schk. Gen.
 teretiuscula, Good. Gen? Paines.
 decomposita, Muhl. Cent. *Sul.*
 vulpinoidea, Michx. Very com.
 Nuttallii, Schw. O. *Gray.*
 stipata, Muhl. Very com.
 conjuncta, Boott. O. *Gray.*
 muricata, L. O. *Gray.* Paines. *B.*
 sparganioides, Muhl. " " Gen?
 cephaloidea, Muhl. " " Gen?
 Muhlenbergii, Schk. Gen.
 rosea, Schk. Gen.
 " var minor, Boott. Gen.
 " var radiata, Dew. Gen.
 retroflexa, Muhl. Paines. *B.*
 tenella, Schk. C. & N. *Cat. New.*
 trisperma, Dew. N. Paines. *B.*
 sterilis, Willd. N. " "
 Maskingumensis, Schw. O. *Gray.*
 scoparia, Schk. Com.
 " var minor, Boott. N. Paines. *B.*
lagopodioides, Schk. Very com.
 " var moniliformis, Boott. Pain. *B.*
 " var forma glomerata, Ol " "
 cristata, Schw. Gen.
 " var mirabilis, Boott. O. *Gray.*
 straminea, Schk. N. Rather scarce.
 " festucacea, Gray. Cent. *Sul.*
 aquatilis, Wahl. Paines. *B.*
 aperta, Boott. " "
 stricta, Lam. Gen. *Cat. New.*
 crinita, Lam. Very com.
 limosa, L. Plymouth marsh, *B.*
 Buxbaumii, Wahl. N. *Cat. New.*
 Shortiana, Dew. Cent. *Sul.*
 panicea, L. Gen. *Cat. New.*
 " var Bebbii, Olney. Paines. *B.*
 " var tetanica, Olney. C. tetanica,
 Schk. Paines. *B.*
 " var forma aristata, Olney. C. tetanica,
 Boott.
 graminaris, Muhl. Rather com.
 Meadii, Dew. O. *Gray.*
 pallescens, L. Gen?
 conoidea, Schk. Gen.
 Davisii, Schw. & Tor. Cent. *Sul.*
 gracillima, Schw. Com.
 virescens, Muhl. Com.
 " var elliptica, Olney. Paines. *B.*
 triceps, Michx. Gen.
 plantaginea, Lam. N. Paines. *B.*
 Careyana, Tor. " " Cent. *Sul.*
 platyphylla, Carey. " "
 digitalis, Willd. Com.

laxiflora, Lam. Com.
 " var retroflexa, Boott. Paines. *B.*
 " var blanda, Gray. " "
 " var latifolia, Boott. " "
oligocarpa, Schk. Gen.
 Hitchcockiana, Dew. Paines. *B.*
 umbellata, Schk. S. Rare. *Cat. New.*
 Novae-Angliae, Schw. N. "
 Emmonsii, Dew. Com. N.
 Pennsylvanica, Lam. Paines. *B.*
 varia, Muhl. Com.
 pubescens, Muhl. Gen.
 miliacea, Muhl. Very com.
 scabbata, Schw. Paines. *B.*
 Sullivantii, Boott. Columbus. *Sul.*
 areolata, Boott.
 debilis, Michx. Com.
 flava, L. Cent. *Sul.*
 filiformis, L. Paines. *B.*
 launginosa, Mich. " "
 riparia, Curtis. Com.
 comosa, Boott. Com.
 Pseudo-Cyperus, L. N. *Cat. New.*
 hystericina, Willd. Com. N.
 tentaculata, Muhl. Very com.
 intumescens, Rudge. Com.
 Grayii, Carey. Pain. *B.*
 lupulina, Muhl. Com.
 lupuliformis, Sartwell. Colum. *Sul.*
 folliculata, L. Gen. *Cat. New.*
 squarrosa, L. Paines. *B.*
 " var " "
 stenolepis, Tor. Cent. *Sul.*
 Vaseyi, Dew. Paines. *B.*
 monile, Tuck. " "
 bullata, Schk. Cent. *Sul.*
 oligosperma, Michx. Plymouth marsh, *B.*
 longirostris, Tor. N. *Cat. New.*
 Oederi, Erhart. N. *Cat. New.*
 grisea, Wahl. Gen.
 chordorrhiza, Ehrh. N. *Cat. New.*
 tenuiflora, Wahl. N. " "
 vulgaris, Fries. " "
 Deweyana, Schw. N. " "
 aurea, Nutt. N. " "
 formosa, Dew. N. & E. " "

Gramineae.

Leersia Virginica, Willd. Com.
oryzoides, Swartz. Gen.
Zizania aquatica, L. Com. N.
 miliacea, Michx. Ohio, *Gray.*
Alopecurus pratensis, L. Cin. *Churk.*
 geniculatus, L. Cent. *Sul.*
 aristulatus, Michx. Put-in-Bay, *B.*
Phleum pratense, L. Com. Nat.
Vilfa vaginiflora, Tor. Com.
Sporobolus heterolepis, Gray. Col. *Sul.*
 cryptandrus, Gray. Lake Shore, *B.*
Agrostis perennans, Tuck. River banks, *B.*
 scabra, Willd. Com.
 vulgaris, With. Gen.
 alba L. Gen.
Cinna arundinacea, L. Com.
 " var pendula, Gray. Paines. *B.*

- Muhlenbergia sobolifera*, Trin. Gen.
glomerata, Trin. Gen.
Mexicana, Trin. Com.
sylvatica, Tor & Gray. Gen.
Willdenovii, Trin. Gen.
diffusa, Schr. Gen.
capillaris, Kunth. Gen. *Cat. New.*
Brachyelytrum aristatum, Beauv. Gen.
Calamagrostis Canadensis, Beauv. Gen.
Oryzopsis melanocarpa, Muhl. Pain. *B.*
asperifolia, Michx. *Cat. New.*
Canadensis, Tor. Little Mountain, *B.*
Stipa avenacea, L. Gen.
Aristida dichotoma, Michx. Cent. *Sul.*
stricta, Michx. Gen. *Cat. New.*
Spartina cynosuroides, Willd. Gen.
Eleusine Indica, Gært. Nat. Com.
Leptochloa mucronata, Kunth. S. *Cat. New.*
Tricuspis sesterioides, Tor. Cin. *Clark.*
purpurea, Gray. Lake Shore, *B.*
Diarthera Americana, Beauv. Cent. *Sul.*
Dactylis glomerata, L. Com.
Koeleria cristata, Pers. Gen.
Eatonia obtusata, Gray. Gen.
Pennsylvanica, Gray. Gen.
Melica mutica, Walt. Cent. *Sul.*
Glyceria Canadensis, Trin. N. Gen.
elongata, Trin. Paines. *B.*
nervata, Trin. Com.
obtusata, Trin. O? *Cat. New.*
pallida, Trin. Paines. *B.*
aquatica, Smith. " "
fluitans, R. Br. Com.
acutiflora, Tor. Lancaster, *Big.*
Poa annua, L. Nat. Very com.
compressa, L. Com.
shrotina, Ehrh. Pain. *B.*
pratensis, L. Com.
sylvestris, Gray. C. & S. *Cat. New.*
alsodes, Gray. Pain. *B.*
brevifolia, Muhl. Cent. *Sul.*
Eragrostis reptans, Nees. Com.
poaeoides, var *megastachya*, Gray. Com.
pilosa, Beauv. Cent. *Sul.*
Frankii, Meyer. Paines. *B.*
capillaris, Nees. Cent. & S. *Cat. New.*
pectinacea, Gray. O. *Grao.*
Festuca tenella Willd. Gen. *Cat. New.*
ovina, var *duriuscula*, Gen. N. *Lesq.*
elatior, L. Gen.
nutans, Willd. Gen.
Bromus secalinus, L. Nat. Com.
racemosus, L. Int. Paines. *B.*
Kalmii, Gray. Gen.
ciliatus, L. Gen.
Uniola latifolia, Cent. *Sul.*
Phragmites communis, Trin. Com.
Lolium perenne, L. Int. gen. *Cat. New.*
Triticum repens, L. Int. Gen.
Hordeum jubatum, L. Lake Shore, *B.*
pratense, Huds. O. *Gray.*
Elymus Virginicus, L. Com.
Canadensis, L. Com.
striatus, Willd. Com.
" var *villosus*, Gray. Pain. *B.*
Gymnostichum Hystrix, Schreb. Com.
Danthonia spicata, Beauv. Com.
Avena striata, Michx. N. *Cat. New.*
Trisetum palustre, Tor. Com.
subspicatum, Beauv. var *molle*, G. N. *U.*
Aira flexuosa, L. Cent. & S. *Cat. New.*
caespitosa, L. Cent. *S.*
Arrhenatherum avenaceum, Beauv. Cin.
Holcus lanatus, L. Nat. Paines. *B.*
Hierochloa borealis, L. Cent. *Sul.*
Phalaris Canadensis, L. Sparingly Nat.
arundinacea, L. Gen.
Milium effusum, L. Paines. *B.*
Paspalum fluitans, Kunth. Ohio, *Gray.*
setaceum, Michx. Paines. *B.*
Panicum filiforme, L. Cent. *Sul.*
glabrum, Gauden. Paines. *B.*
sanguinale, L. Too com.
agrostoides, Spreng. Gen.
proliferum, Lam. Paines. *B.*
capillare, L. Very com.
virgatum, L. Lake Shore, *B.*
latifolium, L. Com.
clandestinum, L. Com.
microcarpon, Muhl. S. *Cat. New.*
xanthophysum, Gray. N. " "
pauciflorum, Ell. N. Not rare. *B.*
dichotomum, L. Com.
depauperatum, Muhl. Com.
Crus-calli, L. Com.
" *hispidum*, Gray.
Setaria verticillata, Beauv. Int. Gen.
glauca, Beauv. Com.
viridis, Beauv. Com.
Italica, Kuntz. Paines. *B. Adv.*
Jenchrus tribuloides, Lake Shore. Com.
Andropogon furcatus, Muhl. Gen.
scoparius, Michx. Com.
Virginicus, L. Gen.
Sorghum nutans, Gray. Gen.

